INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr. Governor

March 13, 2009

100 North Senate Avenue Indianapolis, Indiana 46204 (317) 232-8603 Toll Free (800) 451-6027 www.idem.lN.gov

Thomas W. Easterly Commissioner

VIA CERTIFIED MAIL

7002 0510 0002 7965 8130

Mr. Jim Cornett, Superintendent of Public Works Town of Cedar Lake 8550 Lake Shore Drive Cedar Lake, IN 46303

Re:

Inspection Summary 6706 West 131st Avenue Cedar Lake, Lake County

Dear Mr. Cornett:

On February 3, 2009, a representative of the Indiana Department of Environmental Management, Northwest Regional Office, conducted an inspection of 6706 West 131st Avenue, located in Cedar Lake. Indiana. This inspection was conducted pursuant to IC 13-14-2-2. For your information, and in accordance with IC 13-14-5, a summary of the inspection is provided below:

Type of Inspection: Complaint Investigation Results of Inspection: No violations were observed.

Additional information/review is required to evaluate overall compliance.

Potential problems were discovered or observed.

A complaint concerning the possibility of a basement backup occurring at 6706 West 131st Avenue in Cedar Lake was initiated. While the basement floor was damp, it could not be confirmed as sewage during the course of the investigation. It was noted that Cedar Lake was having mechanical difficulties with the lift station that services the line. The lift station had not reached high wet well levels at the time of the investigation, but there was no evidence of basement backups occurring due to the pump problem.

A copy of the Notice of Inspection is enclosed for your records. Please direct any response to this letter and any questions to Nicholas Ream at 219/757-0265 or by email to nream@idem.IN.gov.

J. Robert Simmons

Deputy Director

Northwest Regional Office

JRS/nkr Enclosure

		-		
,				
■ Complete items 1, 2, and 3. Als item 4 if Restricted Delivery is of so that we can return the card attach this card to the back of or on the front if space permits.	o complete esired. I the reverse o you.	A. Signature A.	Agent Addressee	
1. Article Addressed to:	-	D. Is delivery address different from If YES, enter delivery address be		
65-42 IDEM/OWQ/INSP, Jim Cornett, Superintendent Town of Cedar Lake 8550 Lake Shore Drive		3. Service Type		
Cedar Lake, Indiana 46	303	Certified Mail ☐ Express ☐ Registered ☐ Return R ☐ Insured Mail ☐ C.O.D.	Receipt for Merchandise	·
· · · · · · · · · · · · · · · · · · ·		4. Restricted Delivery? (Extra Fee)	☐ Yes	
Article Number (Transfer from service label)	7002 053	0 0002 7965 8130		
PS Form 3811, February 2004	Domestic Re	turn Receipt	102595-02-M-1540	
	1.		•	



NPDES FACILITY NOTICE OF INSPECTION

State Form 47989 (R6 / 5-06)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

NDDEC Dosmit #		ility and Insp	ection Information	1	
NPDES Permit #:	Facility Type Code:	:= 0 = 4malona	10 : D. W.	7.44-1-	Classification Per Permit:
NA NA	☐ 1 = Municipality ☐ 3 = Agricultural	☐ 2 = Indust ☐ 4 = State/F	ry/Semi-Public Federal	⊡ Major ⊡ Minor	NA
					onducted by the undersigned
representative of the Indiana Department of	 ,	gement. Office	of Water Quality	specified facility was o	onducted by the undersigned
TYPE OF INSPECTION (may include more t		goino, C.,,,c.	Complaint (IX.	
Compliance Evaluation Inspection (C)			- , ,	Scree n ing Evaluati o n	. / / / /
Reconnaissance Inspection (R)				Sewer Overflow Inspec	
Industrial User Inspection (I)	*			Sampling Inspection	* -
Sanitary Sewer Overflow Inspection (V	<u>) </u>		Other		
Name and Location of Eacility Inspected:(nur	nber, street, city, zip	c o de)	Receiving Waters/	POTW:	Permit Expiration Date:
FLURENCE KESIDENCE] -		
6706 W131 # Ave	1/282		ľ	E COLLECTION	NA
CEDAR LAKE 37 W	County: LAKE		SYSTE	Μ.	N I'
Name(s) of On-Site Representatives:	Jounty. Like		Title(s):		<u></u>
		,	l``	~ m 1550	Phone: ()
DEBLA TURENCE Certified Operator:	Number:		PRUMPETT (Where -	Fax: ()
Certified Operator.	Number:	•	Class:		│ Ù Full Time
	74		40		
NA	Renewal Effective D	ate:	Expiration Date:		Hours per Week:
	NA		NA		a) A
Name and Address of Responsible Official: (1	number, street, city, z	zip code)	Title: SUPI, PUR	suc works	Phone: (ZIG) 374-7478
JUN CORNETT	•		Dept.		Fax: ()
TOWN OF CEDAR LAKE 8550 LAKE 3/HURE DR.	,	Ì		ND-1	Facility Design Flow:
CEDAR LAILE, IN 4630.	5		Contacted: XY	es !\r\yangle No	NA
		as Evaluated	During Inspection		
(S = Satisfact				uated, NA = Not App	
	Facility/Site		Self-Monitoring		Compliance Schedules
[]	Operation Maintenance	}	Flow Measure	ment	Pretreatment
 - 	Maintenance i Sludge Disposal	}	NA Laboratory S Records/Repo	4	Effluent Limits Violations
10 000,000 (00,000,000,000)		ary Inspection	n/Screening Findi		Other:
*These findings are considered prelimina	ry and identify specif	fic compliance	issues discovered	during the above-note	ed inspection that the
designated agent of IDEM believes may	be a violation of a sta	atute(s), rule(s) or permit(s) issued	d by IDEM.	
SINGLE MEDIA INSPECTION:			•	•	:
No violations were	disc o vered with resp	ect to the parti	cular items o bserve	ed during the inspection	on. (5)
	covered but corrected				
Violations were dis	covered and require a	a submitțal froi	m you and/or f o llow	/-up inspection by IDE ement resp o nse. (1)	.M. (2)
Additional informati	on/review is required	to evaluate o	appropriate emore verall compliance (ement resp o nse. (1)	
Potential problems	were discovered or c	bserved. (3)	veran compnance. (.0)	
Comments Regarding Unsatisfactory Ratings	- Including Rule or F	Permit Citation	(s):	·	
		; ~			
					i
·					

Adversion 10			
Additional Comments Regarding Unsatisfactory Ratings – Including R	ule or Permit Citation(s):		
			
·			
	<u> </u>		
Comments Regarding Marginal Ratings – Conclusions and Recommer OA COMPUTION WAS 155UD STATING THE	ndations:	-10-100-100	e A Bas of
BACK-UP. UPON ARRIVAL, CEDAR LAKE I	DERSONNEL CONFIRME	D ONE OF THE T	uo Pumps
WAS HAVING PROBLEMS. THE LIFT ST	AMON HAD NOT RE	EARHED HIGH WE	TWELL
LEVELS. THE WATER IN THE BASEME	ENT COULD NOT P	E CONFIRMED	AS SEWAGE
AT THE TIME OF INVESTIGATION.			
DOVERFLOW REPORTS FROM THOR TO 2/3/0	9 Were inspected) 	
Multi-Media Screening (please note that a multi-media screening is not Multi-media screening not conducted.	ot a comprehensive evaluation of the	e compliance status of the facil	ity):
No violations were observed during the limite	ed multi-media screening conducted	by IDEM.	
Potential violations were discovered but corr	ected during the inspection.		
Potential problems were discovered and may	y be further investigated. Pollution Prevention	•	<u>. </u>
Pollution prevention is the preferred means of environmental protection		overtion is to promote about	in business and
commercial operation, especially manufacturing processes, so that Indi	iana businesses increase productivit	ty, generate less environmenta	wastes, reduce their
regulatory responsibilities and become more profitable. Your participati	ion in Indiana 's pollution prevention	program is entirely voluntary.	If you have any
pollution prevention questions, you may contact our Office of Pollution I visit OPPTA's Web site at www.idem.[N.gov/oppta/p2/. Would your cor	Prevention and Technical Assistance Transport like to be contacted by IDFM	e (OPPTA) at (317) 232-8172 ('s Office of Pollution Preventic	or (800) 988-7901, or on and Technical
Assistance? Yes No	·		Trana reclinical
In addition to the compliance assistance offered by IDEM's individual p	ompliance Assistance	Technical Assistance Program /	CTAR) offers from
confidential compliance assistance to regulated entities, including small	I businesses and municipalities, thro	oughout Indiana. In the future, i	f you would like to
request free, confidential compliance assistance, call (317) 232-8172 or	r (800) 988-7901, or visit CTAP's Wi	eb site at http://www.idem.fN.	gov/ctap/.
A summary of violations and concerns noted during the inspection was		rsigned representative during the	ne inspection. The
facility should correct any violations noted as soon as possible. Violation	ons identified and corrected during the	ne inspection may still be cited	as violations.
A written inspection summary will be provided within 45 days.		provided at the conclusion of t	
In accordance with IC 13-14-5-4, matters not evident to IDEM at the time of the inspection might not be included in either the		quent review, any changes to the	
verbal or written inspection summary.		ssary, a revised report will be s within 45 days.	ent to the
IDEM Representative:			
Printed Name: Signature:	Phone Number:	Date:	2/3/05 Time 2/3/05
Nictoras K. KEAM IM	(219)757.0265	2/3/09	Out: 10:00 5:00
Owner/Agent Representative/Title: Printed Name: Signature:			
Printed Name: Signature Signature Signature	Title:	Phone Number: 219 - 379 - 7478	Date: 2-10-09
For IDEM Internal Use:	SUP.	017-311-1918	() ()
Section Chief or Regional Deputy Director:	Date:	For:	
	12/1/20	Follow-up	Enforcement
Distribution: White - IDEM Public File; Canary - OPPTA (if OPPTA assistance requested); Pin	k - Owner/Agent Representative: Gold - Inspec	NPDES Permits	Other
· · · · · · · · · · · · · · · · · · ·	Page 2 of		

(R/10-03)

IDEM

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF WATER MANAGEMENT Complaint Investigation Report

100 NORTH SENATE AVENUE P. O. BOX 6015 INDIANAPOLIS, IN 46206-6015

General Information						
Name of Alleged Responsible Party: Cedar Lake Date Reported: 7-8-08						
Address and Directions	Lake					
6706 West 131 st Avenue Cedar Lake, IN 46303						
		Receiving Stream:. Cedar Lake Collection S	vetom			
		.L				
Received by: ☐ RRR;☐ RLP; ☐RAC; ☐ Cler.; ☐ Insp.; ☒ Othe Specify name of Inspector, Clerical or Other: Tania McDonald	r	☑ Phone; ☐ Letter; ☐ leferral	Person;			
Complainant Type: ⊠Individual; ☐ Anonymous; ☐ Public Offi		Report to Complainant	?: ⊠ Yes □ No			
Complainant's Name: Debra Florence	X	PhoneNumber				
Address: 6706 West 131 st Avenue Cedar Lake, IN 46303		City: Cedar Lake				
Nature of Complaint: ☐ Water Pollution; ☐NPDES I	Facility Failure; 🗵 Baseme	nt Backup;	nk Ponding; 🏻			
Description of Complaint: Basement backup		-				
Responsible party: (To be completed by Inspector) N/A						
Address/Location: N/A		City: N/A				
Re	esponse					
I. First Response Date: 7/8/08 (call)			X			
II. Inve s tigation Date: <u>7/23/08 and 2/3/09</u>						
III. Closed Date: <u>2/3/09</u> A. No Action Neede	1. No Problem Obs		☒			
B. Referred to Other	Agency:					
	Phone Nu					
C. Compliance Actio	on 1. IS/VL Letter [Date:				
#10888	2. OATS Referral [Date:				
D. Enforcement Ref	erral [Date:				
IV. Report Sent Date: <u>2/12/09</u>						

IDEM	OFFICE OF WAT Complaint Inve	PAGE OF (Complaint: 2 OF 2)					
Findings of Investigation							
Name(s) of individual(s) contacted:	Title(s):	Phone: () Fax: () Phone: ()				
			Fax: ()				
			Phone: () Fax: ()				
Nature of problem foun	d during investigation:						
Samples taken?	☐ Yes ☐ No	Pictures taken?	☐ Yes ☐ No				
Is condition a State Wa		☐ Yes ☐ No					
-	wastewater without a valid NPDES permi	Yes No (Per	mit #:				
Does facility need an N	PDES permit?	L TES LINO					
Name(s) and Signature	(s) of Inspector(s):	Date: Of	fice/Telephone:				



MULTIMEDIA SCREENING CHECKLIST:

Air, Water, Industrial Waste, Underground Storage Tanks and **Toxic Release Inventory**

State Form 50865 (R2 / 4-05)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT Indiana Government Center-North 100 N. Senate Ave. Indianapolis, IN 46204 Telephone: (317) 232-8603 or Toll Free: 1-800-451-6027 (within Indiana) http://www.lN.gov/idem/

http://www.IN.gov/idem/

Please Print Legibly or Type

SECTION 1: GENERAL II	NFORMATION			
Facility Name: CEDAR VAKE SEWAGE DOF				
Facility Contact: Jim Cornett				
SIC Codes for Facility (Primary and Others): 4457				
Description of Major Processes: Bewage TRANSPORTATION				
Inspector: NCHOUS REAM	Date of Inspection: Z/3/05			
Inspector: NVCHOUPS 'XEAW	Date of Inspection: Z/3/05			

	<u></u>		SECTION 2: AIR OBSERVATIONS
Z	P Obser	vations fo	or this section of MM screening checklist completed.
	2. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		MM screening checklist not completed.
	Refer	to regular	single-media inspection report or inspection summary letter.
1.	YES	⊠NO	Are there any visible emissions (except steam) from any stack or vent? If YES, identify process, vent or stack, description of emissions (color, duration, constant vs. intermittent), time, and weather conditions (e.g. wind direction).
2.	YES	<i>Б</i> ио	Is there any activity generating dust? If YES, identify if dust was seen crossing the property lines, identify the source of the emissions, description of emissions (color, duration, constant vs. intermittent), time, and weather conditions (e.g. wind direction).
ļ			
3.	YES	ĺ ≫ 0νο	Is there any evidence of open burning? If YES, describe if burning is/is not occurring at the time of the inspection and describe materials and amounts burned.
F		· .	Are solvent container(s) closed when not in use?
4.	∑YES □ N/A	□ NO	If NO, describe containers and location (e.g. booth number, department, etc).
5.	☐ YES ØN/A	□NO	Are filters securely in place when spray booth(s) are in operation? If NO, describe problems with filters (e.g. no filters, sagging filters, torn, etc) and describe location or identification of the spray booth (e.g. booth number or department).

W. (1)		SECTION 3: WASTEWATER OBSERVATIONS
Obser	vations fo	or this section of MM screening checklist completed.
		MM screening checklist not completed.
Refer t	o regular	single-media inspection report or inspection summary letter.
☐ YES	□NO	Are any industrial process wastewaters being generated at this facility? If YES, specify: Description of wastewaters:
projection of the control of the con		
2.	□NO	Does any process wastewater discharge to a POTW collection system (i.e. sewer)? If YES, specify: Does the facility have a wastewater/industrial user permit? YES NO
3 □ YES	□NO	Does the facility have a direct discharge (from industrial process, industrial wastewater treatment or non-contact cooling water) to a receiving water near the facility? If YES, specify: A) Does the facility have a NPDES Permit? YES NO B) Is the receiving water being impacted (e.g. discoloration of water/sediment/soils, foaming appearance, oily sheen, solids, floatables, odor, etc.)? YES NO UNABLE TO DETERMINE BECAUSE: If YES, describe the impact:
4.	□NO	Was any indication observed that process materials such as cleaners, solvents, paints, lubricants, etc. are escaping through floor drains? If YES, specify: Description of materials:

	SECTION 4: STORM WATER OBSERVATIONS						
5	Observations for this section of MM screening checklist completed.						
12							
	This section of MM screening checklist not completed.						
	Refer to regular single-media inspection report or inspection summary letter.						
100000000000000000000000000000000000000				Company of the Company Company of the Company of th			
		·					
		Do the facility's SIC codes requ	uire applicatio	on for Rule 6 permit coverage			
Z				ociated With Industrial Activity)?			
1	☐ YES 🔀 NO	If YES, specify:					
		A) Has the facility applied for	or Rule 6-permit	coverage?			
		B) Has the facility prepared a Storm Water Pollution Prevention Plan pursuant to Rule					
	· f }	6?					
	•	•		•			
		strial Activity Categories		gulated Industrial Activity Categories			
	SIC Code*	Activity Description	SIC Code*	Activity Description			
	10xx 13xx	Metal mining Oil and gas extraction	33xx	Primary metal industries			
	13xx	Nonmetallic minerals, except fuels	34xx 35xx	Fabricated metal products			
	20xx	Food and kindred products		Industrial machinery and equipment			
	21xx	Tobacco products	36xx 37xx	Electronic & other electric equipment			
	22xx	Textile mill products	38xx	Transportation equipment Instruments and related products			
	23xx	Apparel and other textile products	39xx	Miscellaneous manufacturing industries			
	24xx	Lumber and wood products	40xx	Railroad transportation			
	25xx	Furniture and fixtures	41xx	Local & interurban passenger transit			
	26xx	Paper and allied products	42xx	Trucking and warehousing			
	27xx	Printing and publishing	43xx	United States Postal Service			
	28xx	Chemicals and allied products	44xx	Water transportation			
	29xx	Petroleum and coal products	45xx	Transportation by air			
	30xx	Rubber & miscellaneous plastic	5015	Motor vehicle parts, used			
		products	00.0	motor vornolo parto, docu			
	31xx	Leather & leather products	5093	Scrap and waste materials			
	32xx	Stone, clay, and glass products	5541	Gasoline service stations**			
	*Although the actual SIC Code is a four-digit number, Rule 6 regulates the primary category group (i.e., the first two digits of the SIC Code) in many cases						
	**Only gasoline service s Rule 6.	tations that act as truck stops or plazas and have	ve on-site vehicle m	aintenance activities are potentially regulated under			
	categories include: (1) has stations; (3) steam electrical	azardous waste treatment, storage, or disposal fic power generating facilities; (4) wastewater tre ted by 327 IAC 15-13; and (5) agricultural chem	facilities; (2) landfills eatment plants with a	lso potentially regulated under Rule 6. These narrative is land application sites, open dumps, and transfer a design flow of 1,000,000 gallons per day or more that esticide distribution facilities meeting certain storage			
l		Does the facility have any ongo	oing or propo	sed land disturbing activities greater			
		than or equal to one (1) acre?					
		If YES, specify					
	•		r Rule 5 permit e	coverage under 327 IAC 15-5 (Storm Water			
2.	☐ YES X NO	Associated With Constructio		☐ YES ☐ NO			
i	<i>-</i>	B) Were any signs of erosion		mentation into waters of the state from			
		construction sites observed?		NO			
				 -			
		·					
-		<u> </u>		· · · · · · · · · · · · · · · · · · ·			
		ieral appearance <i>(i.e. foam, oily s</i> rge of storm water.	sheen, solids	and floatable, color or odor) of any			
3.	NONE AT	TIME OF INSPECTION					
			.*	· .			
	•	DOCUMENT WIT	H A PHOTOGR	APH .			
<u>L</u>							

SECTION 5: DRINKING WATER OBSERVATIONS					
Observations for this section of MM screening checklist completed.					
This section of MM screening checklist not completed:					
Refer to regular single-media inspection report or inspection summary letter.					
	Is the facility's drinking water (drinking water, showers, cafeteria, etc.) supplied				
With the Control of t	by a municipal (public or private) water system?				
4 Months 100 June 100	If YES, then do not fill out rest of this section. A) If NO, does the facility have its own drinking water system for employees				
1. XPYES □ NO	(drinking water, showers, cafeteria, etc.) YES NO				
The state of the s	B) If answer to 1.A is YES, is the source of the water supply surface water or				
** Company of the Com	ground water?				
The state of the s	YES NO				
The Control of Control	If the facility is a public water supply and has a PWSID #, is the well head on-				
Control of	site?				
Control Contro	A) If YES, was the well head area observed? YES NO B) If answer to 2.A is YES, was the area within a 200-foot radius of the well head free of				
2. YES MO	visible contamination sources? YES NO				
The state of the s	C) If answer to 2.B is NO, please describe: dd				
Comments of the comments of th					
	DOCUMENT WITH A PHOTOGRAPH				
THE VERY AND ADDRESS OF THE PROPERTY OF THE PR	SECTION 6: INDUSTRIAL WASTE OBSERVATIONS				
	or this section of MM screening checklist completed.				
	MM screening checklist not completed.				
Refer to regular	single-media inspection report or inspection summary letter.				
	Was evidence observed of waste being released to the environment or disposed on-site? (waste piles, excavations, releases, etc.)				
	If YES, please indicate:				
	A) Nature of evidence:				
T VEC SANO	B) Waste description:				
1. YES YENO					
	C) Source of the waste:				
	57.5				
	D) Dimensions of the area:				
	DOCUMENT WITH A PHOTOGRAPH				
	SECTION 7: UNDERGROUND STORAGE TANK OBSERVATIONS				
M Observations for	or this section of MM screening checklist completed.				
	이 나는 사람들이 많아 모든 생산님, 그들어야 한 사람들이 아무난 등록 전투하였다는 반속이 하게 되었습니다. 그는 사람들이 그는 사람들이 살아보는 사람들이 살아보는 사람들이 살아보다.				
This section of MM screening checklist not completed.					
Refer to regular	single-media inspection report or inspection summary letter. Are there any underground storage tanks on-site that have not been registered				
	with IDEM and contain petroleum* or a hazardous substance?				
	If YES, please indicate.				
1. ☐ YES 🏠NO	A) How many?:				
<u> </u>	B) List materials stored in the USTs:				
	* Tanks storing fuel for heating are exempt				

*************	125	and the second second second second second	SECTION 8: TOXIC RELEASE IF	MANAGETTY V	W. A. W. Color, T. C.		TIONS	
X	Observations for this section of MM screening checklist completed.							
	This section of MM screening checklist not completed.							
	Refer to regular single-media inspection report or inspection summary letter.							
	Annual Market Control of the Control							
1	∐ YES ———	Note: If answer to Question 1 is YES, then do not fill out rest of this section.						
2.	☐ YES NO If answer to Question 1 is NO, then do you have 10 or more employees including office staff?							
3.	If answe	er to ques cations?	stion 2 is YES, then are you a mer	mb	er of an	y of the fo	ollowing Standard Industrial	
	Check if	SIC	Standard Industrial Description		Check if	SIC	Standard Industrial Description	
	Member	Category			Member	Category		
	of SIC Group	(2 digit)			of SIC Group	(2 digit)		
		10	Metal Mining	\dashv		31	Leather and Leather Products	
		12	Coal Mining			32	Stone, Clay, Glass and Concrete Products	
		20	Food and Kindred Products			33	Primary Metal Industries	
		21	Tobacco Products			34	Fabricated Metal Products, except Machinery and Transportation Equipment	
		22	Textile Mill Products			35	Industrial and Commercial Machinery and Computer Equipment	
		23	Apparel and Other Finished Products made from Fabrics and Other Similar Materials			. 36	Electronic and Other Electrical Equipment and Components	
		24	Lumber and Wood Products			37	Transportation Equipment	
		25	Furniture and Fixtures			38	Measuring, Analyzing and Controlling Instruments; Photographic, Medical & Optical Goods; Watches, Clock	
		26	Paper and Allied Products			39	Miscellaneous Manufacturing Industries	
		27	Printing, Publishing, and Allied Products			49	Electric, Gas and Sanitary Service	
		28	Chemicals and Allied Products	\prod		51	Wholesale Trade-Non-durable Goods	
		29 	Petroleum Refining and Related Industries (Coal Products)		<u> </u>	73	Business Services	
			Rubber and Miscellaneous Plastics Products			NA	None of the Above	
	Note: if		Question 1 is NO and YES to Questions	2 a	nd 3, plea	se forward	a copy of completed multimedia	
	. mapecu		OIT IA.					
			ADDITIONAL O	00	MMENTS	3		
						,		
•								
		•.	•			•		
	•					-		
	•		RECOMMENDATIONS	; F	OR FOLL	OW-HD		
			ILCOMMENDATIONS	, F	ON FUL	_UVV-UP		